

**Notice of Allowability**

Application No.

09/755,351

Examiner

Aaron C. Perez-Daple

Applicant(s)

CUOMO ET AL.

Art Unit

2154

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Appeal Brief filed 2/1/05.
2. ☒ The allowed claim(s) is/are 1-5,10-12,18-23,29-33,35 and 37.
3. ☒ The drawings filed on 05 January 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**JOHN FOLLANSBEE**  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100



### DETAILED ACTION

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Wayne Bailey on 7/20/05.

2. Claims 1-5, 10-12, 18-23, 29-33, 35 and 37, as amended below are allowed.
3. The Application has been Amended as follows:

In the Claims:

18. (currently amended) A data processing system comprising:

a bus system;

a communications unit connected to the bus system;

a memory connected to the bus system, wherein the memory includes a plurality of components as a set of instructions; and

a processing unit connected to the bus system, wherein the processing unit, responsive to receiving a modified request from a first security server of a plurality of security servers, executes the set of instructions and presents the modified request to each of a the plurality of components of the data processing system, wherein each of the plurality of components corresponds with a respective one of the plurality of security servers, and wherein the processing unit, responsive to execution of one of the plurality of components that corresponds

with the first security server, determines whether an expected value of information added to the modified request by the first security server is present in the modified request and processes the modified request, in response to the expected value being present in the modified request, wherein the modified request is generated from a request originated by a client and modified by the first security server to include the added information.

19. (currently amended) A network data processing system comprising:

a network;

a plurality of clients connected to the network;

a first security server connected to the network, wherein the first security server receives a request from a client to access a resource, performs an authentication process with the client, adds information to the request in which the information indicates that the request is from a trusted source to form a modified request, and sends the modified request for processing; and

a second server connected to the network and having a plurality of components, wherein the second server receives the modified request from the first security server, presents the modified request to a each of the plurality of components each respectively corresponding to one of a plurality of security servers, determines whether the first server is a trusted server based on a determination made by a first component of the plurality of components that

corresponds with the first security server, and provides access to the resource in response to a determination that the first server is a trusted server.

29. (currently amended) A data processing ~~system~~ server for processing a request, the data processing ~~system~~ server comprising:

receiving means for receiving a modified request from a first security server of a plurality of security serves, wherein the modified request is generated from a request originated by a client and the modified request includes information added by the first security server;

a plurality of determining means, each of which receives the modified request, for determining whether the information present in the modified request has an expected value, wherein each of the plurality of determining means corresponds to one of the plurality of security servers; and

processing means for processing the modified request in response to a one of the plurality of determining means determining the information has the expected value.

37. (currently amended) A computer program product in a computer readable medium for processing a request, the computer program product comprising:

first instructions for receiving a modified request from a first security server, wherein the modified request is generated by the first security server by modifying information in a request originated by a client;

second instructions for determining one of a plurality of interceptors that can process the modified request by presenting the modified request to each of the plurality of interceptors, wherein each of the plurality of interceptors corresponds to one of the plurality of security servers;

third instructions for determining whether a value of the information present in the modified request is an expected value; and

fourth instructions, responsive to the value of the information being the expected value, for processing the modified request.

4. The following is an examiner's statement of reasons for allowance: the prior art of record does not teach or suggest a system or method having the features recited in independent claims 1, 18, 19, 29 and 37 and including presenting a request modified by a first security server to each of a plurality of components of a server for validating the request, wherein each of the plurality of components corresponds to one of a plurality of security servers. Therefore, claims 1, 18, 19, 29 and 37 teach an improved system and method for authentication.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Aaron C. Perez-Daple whose telephone number is (571) 272-3974. The examiner can normally be reached on 9am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on (571) 272-3964. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

 7/21/05

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